

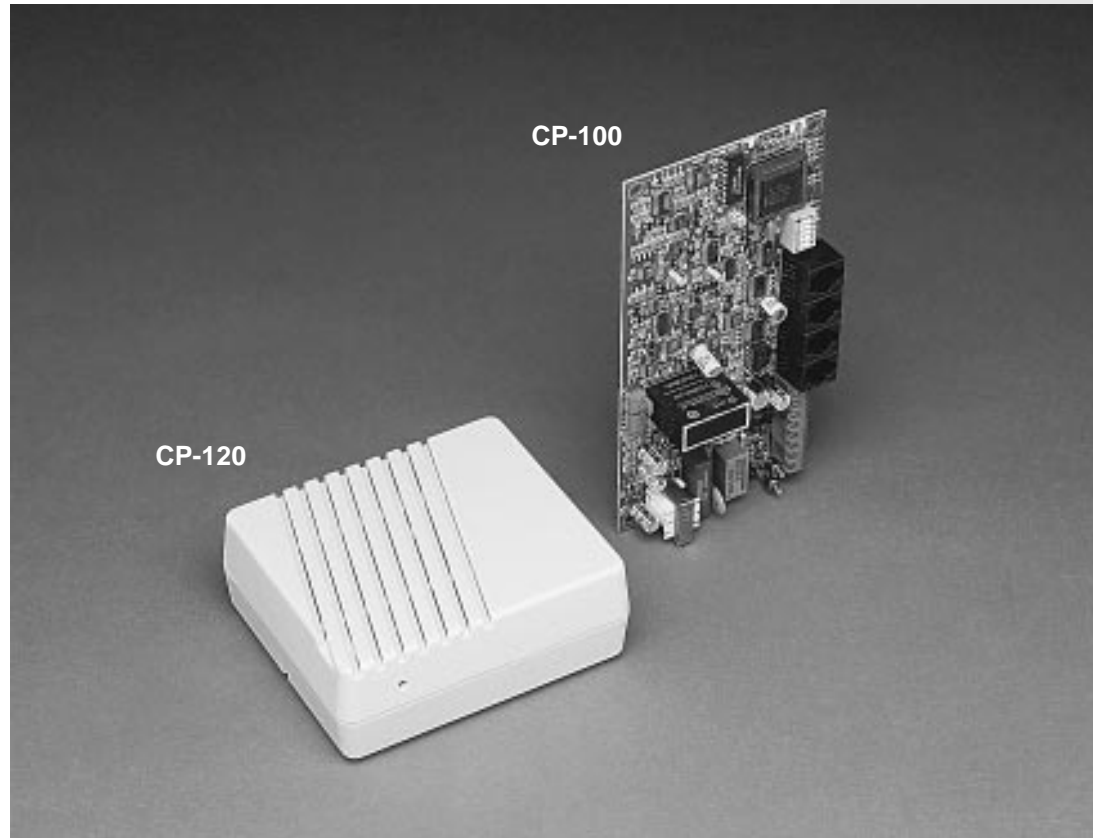


Validator™

CP-100 & CP-120

Audio Verification System

The Validator system reduces false alarms through two-way audio verification.



Benefits

- **Reduce False Alarms**
When an alarm occurs, the Validator system's two-way audio verification automatically establishes a direct link from the central monitoring station through the CP-100 to the highly sensitive CP-120 Microphone/Speaker/Sounder module.
- **Multiple Area Audio Verification**
The CP-100 is capable of supporting up to four CP-120 Microphone/Speaker/Sounder units, allowing the central monitoring station to conduct two-way audio verification in multiple areas.
- **Improved Communication**
VOX (voice activated) communication permits hands-free operation. The microphone for VOX and the listen-only have manual gain adjustment.
- **Quick Installation**
The CP-120 can be installed up to 150 feet (46 m) from the control panel. This, and the use of telephone jack connectors on both the CP-100 and the CP-120, allows for easy installation in a variety of configurations.
- **Three Operating Modes**
The CP-100 is capable of being set in three different modes of operation - Auto (Trigger) Mode, Call Back Mode & Call In Mode.
- **Simple Remote Installation**
Unique design allows for single, simple installation of one unit for microphone, speaker and sounder.

System Features

Automatic Two-Way Audio Verification

Automatically initiates audio verification with the central monitoring station following an alarm event.

Call Back Two-Way Audio Verification

After the alarm event, the central monitoring station has 2 1/2 minutes to call back the CP-100 to validate the alarm through audio verification.

Call In Two-Way Audio Verification

Stand alone operation, allowing activation of audio verification regardless of panel status. **(Note: This option may compromise the privacy of the user and should only be activated with the express written consent of the user.)**

Built-in Sounder

The Microwave/Speaker/Sounder unit (CP-120) eliminates the need for independent sounders when using audio verification.

Four Speaker Capability

The CP-100 is capable of supporting up to four CP-120 Microphone/Speaker/Sounder units, allowing the central monitoring station to conduct two-way audio verification in multiple areas.

VOX Technology

Permits hands-free operation for the end-user and central monitoring station personnel.

Adjustable Microphone Gain for VOX and Listen-In

Permits the central monitoring station operator to increase or decrease the listening capability of the CP-120 by adjusting the microphone's sensitivity.

Timed High Gain Duration

Automatic cycling between high and normal gain eliminates the blockage of control tones created by background noise.

Easy Jack Connections

Permits quick and easy installations by eliminating screw terminals.

Compatible with most Control Panels

Since the Validator operates either from a trigger or bell output, it can be used with most control panels on the market today.

Microprocessor and Surface Mount Technology (SMT)

The use of SMT and a dedicated microprocessor allows the Validator to provide high reliability resulting in less service calls.

Two Independent Outputs for Controlling Other Devices

Permits the silencing of other devices (such as outdoor sounders) during the two-way audio verification session.

Integrated Sounders

Eliminates the need for additional wiring and the use of relay outputs for indoor sounder applications.

Quick & Easy Installation

The CP-120 can be installed up to 150 feet (46 m) from the control panel. This, and the use of telephone jack connectors on both the CP-100 and CP-120, allows for easy installation in a variety of configurations. The CP-100 easily mounts inside control panels with double stick tape. It can be used with control panels with or without audio verification trigger outputs.

Cable

The CP-120 comes with a 25' (7.6 m), six connector cable with telephone jacks on each end.

Specifications

Physical Dimensions

CP-100 (control panel unit):
1 5/8" H x 3" W x 6" L
(4.2 cm x 7.6 cm x 15 cm)

CP-120 (remote unit):
1 7/8" H x 3 3/8" W x 4 3/8" L
(4.8 cm x 8.8 cm x 11 cm)

Weight

CP-100: 6 oz (168 g)
CP-120: 1 lb 8 oz (672 g)

Power Requirements

CP-100:
10 - 14 VDC, 160 mA max.

CP-120:
10 - 14 VDC
1st two units, 200 mA max
2nd two units, 400 mA max

Housing

CP-120:
White, high impact, ABS plastic

Sounder Operation

102 dB at 3 feet (1 m)

Environmental Ranges

Operating temperature range
-40° - 140°F (-20° - 60°C)

Humidity Range

5% - 95% relative humidity,
non-condensing

Note:

Silent Alarm Conditions

For use with panels without a trigger output feature, use the C&K 2300-DVR output module. Use of the CP-100 with the 2300-DVR enables two-way audio verification in a variety of silent alarm (panic or duress) conditions when wired properly.